ANNUAL REPORT

FOR THE YEAR 1997-22

[Environmental & Climate Change]

Metrological Weather Stations

WOMEN & CHILD WELFARE SOCIETY

Cuttack, Odisha Ph.No:+91-671-2414810/7853060095

Web: https://womenchildwelfaresociety.quora.com/

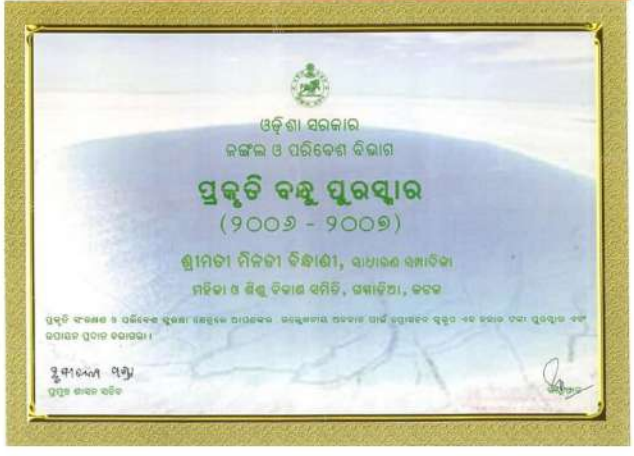
❖ Award Received ❖

The General Secretary has been awarded by the Chief Minister Orissa, Sj. Navin Pattnaik for most excellent deeds in the area of "**Environment Awareness and Road Safety Awareness**" in the state of Orissa, from Cuttack District Administration.

On the eve of 16th Death Anniversary of Former Prime Minister Bharatratna late Rajiv Gandhi, the General Secretary Minati Bindhani has been awarded "**Rajiv Gandhi Sadbhavana Award**" for popular Women Organiser for Environment Awareness, from Rajiv Gandhi Forum, Orissa.

On the eve of World Environment Day, the General Secretary Minati Bindhani has been awarded "**Prakrutibandhu Award**" for excellent work in the field of Environment Awareness, Education, Conservation etc. from Forest & Environment Department Govt. of Orissa.

RAJIV GANDHI FORUM, ORISSA
Affiated to
Rajiv Gandhi Foundation, New Delhi
RAJIV GANDHI SADBHAWANA AWARD-2007
This is to Certify that Smt.Minati Bindhani, GS, WCWS, CTC
has been awarded in the state level Rajiv Gandhi Sadbhawana Award 2007
as/ in Popular Woman Organiser for Environment
of the year 2007 on 21st May 2007 in the occassion of 16th Death Anniversary
of Bharat Ratna former Prime Minister Rajiv Gandhi.



ଓଡ଼ିଶା ସରକାର

ଜଙ୍ଗଲ୍ ଓ ପରିବେଶ ବିଭାଗ

ପ୍ରକୃତି ମିତ୍ର ପୁରସ୍କାର

(୨୦୧୦-୧୧)

ପ୍ରକୃତି ସଂରକ୍ଷଣ ଓ ପରିବେଶ ସୁରକ୍ଷା କ୍ଷେତ୍ରରେ

ୱିମେନ୍ ଏଣ୍ଡ ଚାଇଲଡ୍ ୱେଲ୍‌ଫେୟାର ସୋସାଇଟି, ଗମ୍ଭାଡିଆ

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ବ୍ଲକ୍ କଟକ ସଦର ..... ଜିଲ୍ଲା କଟକ .....

ଗ୍ରାମ / ଅନୁଷ୍ଠାନ ବ୍ଲକ୍ ସ୍ତରରେ ସର୍ବୋତ୍କୃଷ୍ଟ ବିବେଚିତ ହୋଇଥିବାରୁ ପ୍ରୋତ୍ସାହନ ସ୍ୱରୂପ

ଦଶ ହଜାର ଟଙ୍କା ପୁରସ୍କାର ସହିତ ଏହି ଉପାୟନ ପ୍ରଦାନ କରାଗଲା ।

ପ୍ରମୁଖ ଶାସନ ସଚିବ

ଜଙ୍ଗଲ ଓ ପରିବେଶ ମନ୍ତ୍ରୀ

OUR SUPPORTERS

Department of Forest & Environment Govt.ofOdisha

जहां है हरियाली । वहां है खुशहाली ॥
Ministry of Env. andForest and Climate Change Govt. of India

National Council for Science & Tech. Govt. of India, New Delhi

Department of Science & Technology, Govt. of India, New Delhi

PCRA
Petroleum Conservation Research Association, Govt. of India, New Delhi.

Vigyan Prasar Govt. of India

Department of Environment & Govt.of India New Delhi

Science Express Partners

UNEP

Certificate of Appreciation
The Certificate of Excellence is presented to Little Star Science Club with Club ID VP-OD0118 in recognition of their outstanding performance in the Calendar Year 2020. Vigyan Prasar congratulates you and honors you with the "COMMENDABLE CLUB" category for the year 2021.
It's our sincere hope that you will do your best in all your future endeavors.
Dr. Nakul Parashar
Director
Vigyan Prasar
A-50, Institutional Area, Sector- 62, NOIDA, UP- 201309
Dr. Arvind C. Ranade
Scientist- F & Coordinator VIPNET
Vigyan Prasar
A-50, Institutional Area, Sector- 62, NOIDA, UP- 201309

Kalpalata Prusty	M.P.Mohapatra	Minati Bindhani	Minati Mohanty	Rupa Bhayani	Urbsee Pani	S.D.Maharana
President	Vice-President	General Secretary	Treasurer	Asst.Secretary	G.B.Member	G.B.Member

Women & Child Welfare Socie,Gamhandia New Colony,Buxibazar,Dist.& City:Cuttack-753001,Odisha [India]https://women-childwelfaresociety.webnode.com/

Preface: Some times, things are comprehended differently in this world. We think up round the clock to explore new strategies for finding out the brighter side of a thing and to enable people to adopt that for their growth and glory. The milieu of philanthropic endeavor has expanded in the firmament of human civilization. The limelight of civilization has become more brighter than before but the suffocation at urban wing has developed due to Global Warming, Man Made dislocations and ruthless act towards environment. Scientists are spending uncountable sleepless nights to curb the menace generated in the globe. Side by side the social stigmas and heinous practices are identified day by day with the effort of social activists Crime and cruelty is elaborated by media. All these are busy schedules of modernization. Gone are the days, poor was only crying for food and clothing not for health hazards. Now days both poor and rich are suffering strange diseases and forgetting the disparity in the dying bed in a hospital. Assistance is required by them to get back their heath and sound mind. Our cultural heritage has good demand. Our mother tongue is being obsolete and the new generation is neglecting our past hidden treasures. Writers are becoming aggressive and the literature has become professional. Who are the real masters to teach the human species to choose the right path in the confounded situation? All the above questions are not answerable. In this problematic stage we have to play our role that is service to the deprived and distressed. Award and appreciation towards our noble work is the inspiration and that is our asset. Let's fight against the misdoings and heinous practices not against the miscreants and culprits. Mother Teresa was serving the mankind in a different manner without any interest. Freedom fighters were immolating their lives for long cherished freedom.I hope all associates of Women & Child Welfare Society will follow the foot prints of our fore fathers to bring change and wonder in the ensuing critical situations and strive hard to work with devotion and love them who are in trouble.

Thanks

Minati Bindhani
General Secretary
Women & Child Welfare Society

Annual Report:2020-21

Free Distribution of Fruit Plants & Environment Awareness Programme:

A mega programme on "Free Distribution of Fruit Plants & Environment Awareness" has conducted on dated 27.08.2020 at Trilochanpur Panchaya area under Salipur Block, District: Cuttack by Women & Child Welfare Society and 2000 Nos. seedling of different Fruit Trees distributed among the participant on this occasion. Mrs. Minati Bindhani, General Secretary of Women & Child Welfare Society: Cuttack conducted the programme. https://youtu.be/ES1wId8fJVA
https://www.youtube.com/watch?v=ES1wId8fJVA

Promotion of Science Clubs:

ANNUAL REPORT: 2019-20

Little Star Science Club is a sister organisation of WCWS for imparting science education in schools & colleges and organising different activities related to science awareness like energy and petroleum conservation,Climate Change, Environment Education and awareness etc .this club has been affiliated under Vigyan Prasar, Dept.of Science & Technology, Govt.of India with Regd.No.V2407053 since 2002. Eniment Scientist, Science Communicators Experts, Teachers & Science loving people have been taken interest for the noble cause organised by the Club. The spirit of science lies in the spirit of discoveries and inventions. According to experienced science teachers, the formation of science clubs is one of the most exciting and effective ways to instil scientific temperament in school children. It is through science clubs that they can truly feel the joy and adventure of scientific discovery. Therefore, to provide the students with organizational facilities that are usually necessary to carry on the science projects and related activities, WCWS has facilitated the process of forming science clubs in schools.

"National Farmers Day Kasan Diwas- Chaudhary Charan Singh Jayanti":

Little Star Science Club Celebrate "National Farmers Day Kasan Diwas- Chaudhary Charan Singh Jayanti" on the 23rd December 2018" at Sanbarsingh, Badamba,Cuttack to promote awareness to help and reward farmers for their contribution to society. It is celebrate on 23rd December as it is the Birth Day of Indian Farmers Leader and Ex. Prime Minister of India Chaudhary Charan Singh. Mr. Keshab Chandra Maharana, Programme Co-ordinator gave the speech on Science and Technology based Cultivation and its importance on now a days. Pradip Kumar Das, Programme Co-ordinator conduct the programme. A film show displayed on Swachha Bharat Mission.

ANNUAL REPORT: 2018-19

Biodiversity, Nature Study Programme On Climate Change, Biodiversity & Plantation :

Climate change, as perceptible in last few decades due to global warming, has posed a big challenge for mankind. It has adversely affected ecosystems globally thereby affecting bio-diversity, ecology, availability of fresh water, agricultural and food productivity, health and economy. While anthropogenic or manmade factors like air pollution by industry and burning of fossil fuel both by consumers and industry are the chief causes of high concentration of carbon dioxide, methane in the atmosphere leading to global warming and climate change. The issue before the nations is to mitigate these adverse affects of climate change and develop suitable adaptation measures as voiced in the Copenhagen summit. Addressing climate change requires action in the local, regional and global level and education has a central role to play in understanding the mitigation and adaptation measures to be undertaken. So in this context, a seminar on climate change was conducted by WCWS at Safa, Cuttack on 12th January, 2019. Dr. Sangram Keshari Nayak, principal scientist (retired), Central Rice Research Institute, Cuttack, Dr. Arjun Kumar Biswal, Headmaster (retired), Tulsipur Govt. High School, Cuttack, Dr Kishore Chandra Mohanty, Science Expert, Board of Secondary Education, Odisha and Mrs. Minati Bindhani, General Secretary of WCWS had participated the seminar as guests and resource persons.

Promotion of Science Clubs:

Little Star Science Club is a sister organisation of WCWS for imparting science education in schools & colleges and organising different activities related to science awareness like energy and petroleum conservation, Agrasar Lecture and Demonstration Programme on Water, Food and Climate Change, Environment Education and awareness etc .this club has been affiliated under Vigyan Prasar, Dept.of Science & Technology, Govt. of India with Regd.No.V2407053 since 2002. Eniment Scientist, Science Communicators Experts, Teachers & Science loving people have been taken interest for the noble cause organised by the Club. The spirit of science lies in the spirit of discoveries and inventions. According to experienced science teachers, the formation of science clubs is one of the most exciting and effective ways to instil scientific temperament in school children. It is through science clubs that they can truly feel the joy and adventure of scientific discovery. Therefore, to provide the students with organizational facilities that are usually necessary to carry on the science projects and related activities, WCWS has facilitated the process of forming science clubs in schools

ANNUAL REPORT: 2017-18

Mrs. Minati Bindhani, General Secretary of Women & Child Welfare Society, Cuttackf delivered her speech Aim & Objective of World Environment Day and giving certificate to student.on dated.05.06.2017,Cuttack.

ANNUAL REPORT: 2016-17

Mrs. Minati Bindhani, General Secretary of Women & Child Welfare Society, Cuttack as Guest delivered her speech in "**National Nature Camping for NCC-Eco Clubs of Odisha State**" organised by CPR Environmental Education Centre, Chenai & Centre for Environmental Studies,Odisha, Supported by Ministry of Environment and Forest, Govt. of India, at Kakarudrapur High School, District. Khordha.

ANNUAL REPORT: 2016-17

National Environment Awareness Campaign: Women & Child Welfare Society create awareness on Swachh Bharat Mission, Ganga Rejuvenation and River Cleaning, Biodiversity Conservation & Plantation Programme at Saffa,Tangi-Choudwar Block area students of Cuttack district on dt.05.07.2016. (Photographs below)

Activities during 2015-16:

Science & Technology

Agrasar Lecture and Demonstration Programme on Water, Food and Climate Change

Steady rise in average world temperature over the last fifty years, also known as global warming, due to increased concentration of green house gases like carbon dioxide, methane, CHC etc. led by anthropogenic factors (such as burning up fossil fuel, indiscriminate industrialization) has posed a serious global challenge. It has already cast its adverse impact on ecology and environment. Other than increased presence of green house gasses causing air pollution and health hazards, there has been a rise in sea level and natural calamities which have resulted in climate change and in turn, has further deteriorated the ecosystem, affecting availability of fresh water and food.

AGRASAR LECTURE AND DEMONSTRATION PROGRAMME ON
CLIMATE CHANGE – CHALLANGES & OPPORTUNITIES
WOMEN & CHILD WELFARE SOCIETY: CUTTACK
Department of Science & Technology(DST), New Delhi

In view of the seriousness of the problem, experts and policy makers across the globe have realised the significance of mitigating the adverse impact of climate change and taking up of appropriate adaptation measures. While countries have started action on it at the governmental and non-governmental level, education and awareness at every stage is the need of the hour. In this context, WCWS duly

supported by Department of Science and Technology, Govt. of India, organized a series of lectures and demonstration programmes on water, food and climate change at the high school and college level. The main objective of the programme was to create scientific about change and its awareness among the students about climate adverse impact on our ecosystem, fresh water source, and on food grain output and food security. Besides, mitigation options and adaptation measures to be undertaken by countries and organizations were discussed in the light of the global summit on climate change held at Copenhagen. The topics were judiciously selected and were thrown light by

Promotion of Science Clubs

Little Star Science Club is a sister organisation of WCWS for imparting science education in schools & colleges and organising different activities related to science awareness like energy and petroleum conservation, Agrasar Lecture and Demonstration Programme on Water, Food and Climate Change, Environment Education and awareness etc .this club has been affiliated under Vigyan Prasar, Dept.of Science & Technology, Govt.of India with Regd.No.V2407053 since 2002. Eniment Scientist, Science Communicators Experts, Teachers & Science loving people have been taken interest for the noble cause organised by the Club. The spirit of science lies in the spirit of discoveries and inventions. According to experienced science teachers, the formation of science clubs is one of the most exciting and effective ways to instil scientific temperament in school children. It is through science clubs that they can truly feel the joy and adventure of scientific discovery. Therefore, to provide the students with organizational facilities that are usually necessary to carry on the science projects and related activities, WCWS has facilitated the process of forming science clubs in schools.

Environment Awareness and Education

Lecture Programme on Combating Desertification,Land Degradation and Drought:

Lecture Programme on Combating Desertification, Land Degradation and Drought was organized by Women and Child Society, Cuttack for high school students and teachers at Nimpur High School, Nimpur,Jagatpur, district Cuttack on 31st October, 2015. The programme was organized under the aegis of Environment Awareness Campaign (NEAC), 2014-15, in collaboration with Ministry of Environment and Forest, Govt. of India and Centre for Environmental Studies, Forest and Environment, Govt. of Odisha Bhubaneswar. The main objectives of the programme were to create awareness among the target group on mitigation the effect of drought,water management and prevention of land degradation. Saplings of various medicinal plants were planted in the Nimpur High School campus, and other nearby School campuses by both students and guests. Dr. Sangram Keshari Nayak, Principal Scientist (Rtd.)CRRI, Cuttack, Mr. Pravat Mohan Dash, Programme Officer, Centre for Environmental Studies, Bhubaneswar, Dr. Arjun Kumar Biswal, Rtd. Head Master, Tulsipur Govt. High School, Dr. Kishore Chandra Mohanty, Science Expert, Board of Secondary Education, Odisha, Mr. Pramod Kumar Nayak, Head Master, Nimpur High School, Nimpur, Mrs. Minati Bindhani, General Secretary, WCWS participated the event as guests and resource persons. Total 500 numbers of students and teachers participated in the event

Plantation:

Women & Child Welfare Society, Cuttack planted 500 nos of environment friendly plants with medicinal plants like champa, krushnachuda, radhachuda, baula, ashok, raktachandan, dalichandan, amla, karanja, nima, fruits and forest trees etc. at different schools,colleges and community land.

Science & Technology

Agrasar Lecture and Demonstration Programme on Water, Food and Climate Change

Steady rise in average world temperature over the last fifty years, also known as global warming, due to increased concentration of green house gases like carbon dioxide, methane, CHC etc. led by anthropogenic factors (such as burning up fossil fuel, indiscriminate industrialization) has posed a serious global challenge. It has already cast its adverse impact on ecology and environment. Other than increased presence of green house gasses causing air pollution and health hazards, there has been a rise in sea level and natural calamities which have resulted in climate change and in turn, has further deteriorated the ecosystem, affecting availability of fresh water and food.

In view of the seriousness of the problem, experts and policy makers across the globe have realised the significance of mitigating the adverse impact of climate change and taking up of appropriate adaptation measures. While countries have started action on it at the governmental and non-governmental level, education and awareness at every stage is the need of the hour. In this context, WCWS duly supported by Department of Science and Technology, Govt. of India, organized a series of lectures and demonstration programmes on water, food and climate change at the high school and college level. The main objective of the programme was to create scientific about change and its awareness among the students about climate adverse impact on our ecosystem, fresh water source, and on food grain output and food security. Besides, mitigation options and adaptation measures to be undertaken by countries and organizations were discussed in the light of the global summit on climate change held at Copenhagen. The topics were judiciously selected and were thrown light by experts.

A total 19 numbers of such programmes were organised by WCWS during the reporting period and they were participated by students, teachers and lecturers from Sri Sri Satyanarayan High School,Alana,Radhakanta Bidyamandir,Katara,in Jagatsinghpur district.Maa Bhubasinee High School,Samantarapur,Sri Sri Patitapaban High School Kakarudrapur,Jaydev High School,Prataprudrapur,Somanathdev Bidyapitha,Aloi.Bhingarpur Girls High School, Bhingarpur,Sarat Paikray Degree College,Aragul,Bauribandhu Paikray Degree College,Chhatabara,Pratap Sasan Degree College,Balakati in Khurda district, Govt.High School Rajsunakhala,Janata Bidyapitha, Baunsiapada in Nayagargh district, Bhadrakali High School,Bhadrakh,K.C.High School, Uttarbahini,in Bhadrakh District,CRRI High School,Bidyadharpur,Madhav Samanta Singhar Bidyapitha,Joranda,Dadhi Bamanjew Bidyapitha,Panchagoan,Kendriya Vidyalaya,Cuttack in Cuttack District,Bhagabati High School,Rupadeipur in Puri districts. Dr. Sangram Keshari Nayak, Principal Scientist (Rtd.), Dr. Arjun Kumar Biswal, Head Master (Rtd.), Tulasipur Govt. High School & Master Trainer District Environment Society,Dr.Sundar Narayan Patro,President Odisha Environment Society,Bhubaneswar,Dr.Khirasagar Behera,Principal secretary,CRRI,Dr.M.J.Baig,Principal Secretary, CRRI,Cuttack, Dr. Kishore Chandra Mohanty Science Expert, Board of Secondary Education, Mr. Pravat Mohan Dash, Programme Officer, Centre for Environmental Studies, Mr. Utkal Ranjan Mohanty, Secretary District Environment Society, Mr. Rajkishore Panda, Science Communicator, Prof. Dr. Manaranjan Mishra, Lecturer in Botany, Udala Collage attended as resource persons.

Promotion of Science Clubs

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Environment Awareness and Education

Nature Study Programme on Bio-Diversity Conservation

An awareness-cum-study programme, Nature Study Programme on Bio-diversity Conservation was organized by Women and Child Welfare Society, Cuttack for high school students and teachers at Panchayat High School, Dhurusia, district Cuttack. The programme was organized under the aegis of Environment Awareness Campaign (NEAC), 2013-14, in collaboration with Ministry of Environment and Forest, Govt. of India and Centre for Environmental Studies, Forest and Environment, Govt. of Odisha Bhubaneswar. The main objectives of the programme were to provide the students opportunity for clear understanding of complexity of Nature, to enhance the fascination for the things around them and to explore nature in a guided manner through a variety of fun-filled hands and activities. The programme made the participants aware of various experiments relating to bio-diversity conservation and conservation of energy, living process, taxonomy and medicinal values of plants, nature walk, sample collection, separation, measuring of tree heights, leaf zoo, pH measurement and water and soil testing. Besides, special sessions were conducted on wild orchids, bonsai and cactus plants. The participants were also taught on paper craft, barak printing, potter making, nature game, and understanding of different leaves and plants. They were supplied with kit bags each containing note book, chart paper, paper, reading lens, tripod glass, crayon, sketch pen, pencil, sharpener, gum, adhesive etc.Saplings of various medicinal plants were planted in the Panchayat High School campus, Dhurusia and other nearby School campuses by both students and guests.Mr. Pravat Mohan Dash, Programme Officer, Centre for Environmental Studies, Bhubaneswar, Dr. Arjun Kumar Biswal, Rtd. Head Master, Tulsipur Govt. High School, Dr. Kishore Chandra Mohanty, Science Expert, Board of Secondary Education, Odisha, Mr. Benudhar Senapati, Head Master, Panchayat High School, Dhursia, Mrs. Minati Bindhani, General Secretary, WCWS participated the event as guests and resource

Plantation:

Women & Child Welfare Society, Cuttack planted 500 nos of environment friendly plants with medicinal plants like champa, krushnachuda, radhachuda, baula, ashok, raktachandan, dalichandan, amla, karanja,

Activities during 2013-14:

Science & Technology

Agrasar Lecture and Demonstration Programme on Water, Food and Climate Change

Steady rise in average world temperature over the last fifty years, also known as global warming, due to increased concentration of green house gases like carbon dioxide, methane, CHC etc. led by anthropogenic factors (such as burning up fossil fuel, indiscriminate industrialization) has posed a serious global challenge. It has already cast its adverse impact on ecology and environment. Other than increased presence of green house gasses causing air pollution and health hazards, there has been a rise in sea level and natural calamities which have resulted in climate change and in turn, has further deteriorated the ecosystem, affecting availability of fresh water and food.

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Activities during 2013-14:

security. Besides, mitigation options and adaptation measures to be undertaken by countries and organizations were discussed in the light of the global summit on climate change held at Copenhagen. The topics were judiciously selected and were thrown light by experts.

A total 11 numbers of such programmes were organised by WCWS during the reporting period and they were participated by students, teachers and lecturers from Panchayat High School, Dhurusia, Radhanath Vigyan Mahavidyalaya, Khuntuni, Vivekananda Vidyapitha, Bahugram, Agrahat High School, Agrahat, Revenshaw Collegiate School, Cuttack, Bibudha Bihar High School, Pathapur in Cuttack district, P. C. Bidyamandir, Raghunathpur in Jagatsingpur district, Gram Panchayat High School, Machhalo in Keonjhar district, S. N. High School, Patia, Bhubaneswar in Khordha district and Dinabandhu Bidyapitha, Sanbisol in Mayurbhaj districts. Dr. Sangram Keshari Nayak, Principal Scientist (Rtd.), Dr. Arjun Kumar Biswal, Head Master (Rtd.), Tulasipur Govt. High School, Dr. Kishore Chandra Mohanty Science Expert, Board of Secondary Education, Mr Pravat Mohan Dash, Programme Officer, Centre for Environmental Studies, Mr, Utkal Ranjan Mohanty, Secretary

District Environment Society, Mr. Rajkishore Panda, Science Communicator, Prof. Dr. Manaranjan Mishra, Lecturer in Botany, Udala Collage attended as resource persons.

Science Express Bio-diversity Special

Arrangement was made by WCWS for students to visit the science exhibition in the train Science Express Bio-diversity Special sponsored by National Council for Science and Technology Communication (NCSTC), Department of Science and Technology, Gov. of India. The Science Express reached Cuttack Railway Station on 5th July to 8th July 2013. Schools were motivated in advance to visit and observe the visual displays on scientific issues made by the panel of experts under NCSTC.

Prof. Baishnav Charan Tripathy, Vice Chancellor of Ravenshaw University was the Chief Guest of the inaugural day, while eminent personalities like Retd. D.G. (Police), G. C. Senapati,Former Principal Scientist CRRI Dr.sangram Keshari Nayak, Mayor of Cuttack Municipal Corporation, Mr Soumendra Ghose, M.L.A (Cuttack-Chowdwar), Shri Prabhat Ranjan Biswal, Dr. Sanjay Kumar Satpathy, Dean of Ravenshaw University, Mr. Bikash Mohapatra, Secretary of Suprativa NGO and Mrs. Minati Bindhani, General Secretary of WCWS participated in the event. The visuals covered total 16 numbers of AC coaches and there were more than 45,000 numbers of participants, mostly students who visited the exhibition train during its stay. The queries of the visitors were satisfactorily answered by the experts. The logistic help for the event was organised by WCWS and Suprativa NGO.

Activities during 2013-14:

Promotion of Science Clubs

The spirit of science lies in the spirit of discoveries and inventions. According to experienced science teachers, the formation of science clubs is one of the most exciting and effective ways to instil scientific temperament in school children. It is through science clubs that they can truly feel the joy and adventure of scientific discovery. Therefore, to provide the students with organizational facilities that are usually necessary to carry on the science projects and related activities, WCWS has facilitated the process of forming science clubs in schools.

Environment Awareness and Education

Nature Study Programme on Bio-diversity Conservation

An awareness-cum-study programme, Nature Study Programme on Bio-diversity was organized by Women and Child Welfare Society, Cuttack for high school students and teachers at Panchayat High School, Dhurusia, district Cuttack on 1st February, 2014. The programme was organized under the aegis of Environment Awareness Campaign (NEAC), 2013-14, in collaboration with Ministry of Environment and Forest, Govt. of India and Centre for Environmental Studies, Forest and Environment, Govt. of Odisha Bhubaneswar. The main objectives of the programme were to provide the students opportunity for clear understanding of complexity of Nature, to enhance the fascination for the things around them and to explore nature in a guided manner through a variety of fun-filled hands and activities.

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The participants were also taught on paper craft, barak printing, potter making, nature game, and understanding of different leaves and plants. They were supplied with kit bags each containing note book, chart paper, paper, reading lens, tripod glass, crayon, sketch pen, pencil, sharpener, gum, adhesive etc.Saplings of various medicinal plants were planted in the Panchayat High School campus, Dhurusia and other nearby School campuses by both students and guests.

Mr. Pravat Mohan Dash, Programme Officer, Centre for Environmental Studies, Bhubaneswar, Dr. Arjun Kumar Biswal, Rtd. Head Master, Tulsipur Govt. High School, Dr. Kishore Chandra Mohanty, Science Expert, Board of Secondary Education, Odisha, Mr. Benudhar Senapati, Head Master, Panchayat High School, Dhursia, Mrs. Minati Bindhani, General Secretary, WCWS participated the event as guests and resource persons. Total 300 numbers of students and teachers from Panchayat High School, Dhurusia, Ghantikhal High School and Madhapur High School participated in the event.

Activities during 2013-14: **Plantation:**

Women & Child Welfare Society, Cuttack planted 500 nos of environment friendly plants with medicinal plants like champa,krushnachuda,radhachuda,baula,ashok,raktachandan,dalichandan,amla,karanja,nima,fruit and forest tree etc.at Panchayat High School, Ghantikhal High School, Madhapur High School, Mahakalabasta High School etc.

Seminar on Climate Change

Climate change, as perceptible in last few decades due to global warming, has posed a big challenge for mankind. It has adversely affected ecosystems globally thereby affecting bio-diversity, ecology, availability of fresh water, agricultural and food productivity, health and economy. While anthropogenic or manmade factors like air pollution by industry and burning of fossil fuel both by consumers and industry are the chief causes of high concentration of carbon di-oxide, methane in the atmosphere leading to global warming and climate change, the issue before the nations is to mitigate these adverse affects of climate change and develop suitable adaptation measures as voiced in the Copenhagen summit.

Addressing climate change requires action in the local, regional and global level and education has as central role to play in understanding the mitigation and adaptation measures to be undertaken. So in this context, a seminar on climate change was conducted by WCWS at its Training Centre at Badamba on 12th January, 2014. Dr. Sangram Kesari Nayak, principal scientist (retired), Central Rice Research Institute, Cuttack, Dr. Arjun Kumar Biswal, Headmaster (retired), Tulsipur Govt. High School, Cuttack, Dr Krishna Chandra Mohanty, science expert, Board of Secondary Education, Odisha and Mrs. Minati Bindhani, General Secretary of WCWS had participated the seminar as guests and resource persons.

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Science & Technology

Agrasar Lecture and Demonstration programme on Climate Change: Challenges & Opportunities

Climate change is a truly global challenge. It will impact all ecosystems and human societies, but in different ways and to different magnitudes. Addressing climate change requires involvement and action at the local, regional and global level. Education has a central role to play in understanding, mitigation and adapting to climate change. Global warming issues are happening now and thus we have to act with urgency. Many environment conscious organizations in the

country must strive drastically to alter the unsustainable resource consumption habits. It is essential that we also contribute and practice innovative policy solutions for energy conservation and environmentally sustainable development efforts worldwide. India has plentiful wind, sun, rainfall and talent-rich in resources that can fuel a clean future, why should it not take leadership in green energy. Hence, the main objective of the programme is to raise scientific awareness among the students about climate change, its adverse impact on our eco-system, mitigation options with backdrop of the global summit on climate change held at

AGRASAR LECTURE AND DEMONSTRATION PROGRAMME ON
WOMEN & CHILD WELFARE SOCIETY, CUTTACK
Department of Science & Technology(DST), New Delhi

Copenhagen. Through series of lectures and demonstration programmes, following essential components, the subjects were systematically addressed. Hence, the organization resolved to design most befitting subjects and impart them through renowned personalities to address the students of Cuttack, Jagatsinghpur, Khordha, Mayurbhanj and Sonepur districts. A total of 20 nos of programmes were conducted.

Agrasar Lecture and Demonstration programme Management on Scientific Awareness of Emerging Adolescence Problems

Adolescence extends from puberty to complete sexual maturity which is characterized by accelerated physical growth and development of reproductive organs. Changes in the functioning of neuroendocrine system, frequent changes in mood and

emotional turbulence due to the increased production of hormones, development of moral reasoning regardless of their culture and religious background dwindle during this most important phase in life cycle. The adolescent boys and girls are to be independently educated about their forthcoming changes and best management by them rather than the parents or society. But imparting education is vital in understanding such obvious changes in life. It is appropriate to educate them at schools and when they begin to develop their career at college levels. Any aberration at this stage may be ruinous to health and psychology of the child and therefore they should vividly

understand the transition and associated characteristics as well as their behavioral amendments a requisite for healthy growth of physical and mental status. The broad objective of the project was to help the adolescent girls to lead a healthy life and make their transition to adulthood in an well informed manner. Total 10 nos of programme conducted in Cuttack, Jagatsinghpur, Khordha and Sonepur district.

Observation of National Science Day

The organization observed the National Science Day at Saraswati Bidya Mandir, (Residential), Keshabdham, Gatiroutpatna on 28th February 2013. Dr.Sangram Keshari Nayak, Principal Scientist (Rtd.) CRRI, Cuttack, Mr. Bikash Mohapatra, Secretary Suprativa, Mrs.Minati Bindhani, Genera Secretary Women & Child Welfare Society Mr.Binay Das, Pradhan Achrya, Mr. Dilli Sahu, Science Teacher etc. discussed on the aim and objectives of the day.

Science Express Biodiversity Special

Science Express Biodiversity Specia reached at Cuttack Rly. Station on 22nd July 2012 for 04 days. Many schools were motivated in advance to take a look into the displays made by a panel of experts in the Ministry of Science and Technology, Govt. o India. On the inaugural day arrangements

were made to invite Divisional Railway Manager(DRM) as the Chief Guest while many eminent personalities like Dr. Chandramohan, Director, NCSTC, Dr. Sangram Keshari Naik, Former Principa

Promotion of Science Club

The spirit of science lies in the spirit of discovery, Experienced teachers ensure that one of the most exciting and effective ways to impart the school children the joy and adventure of scientific discovery is through formation of science club. In order to provide the students with the organizational facilities that are usually necessary to carry on science projects and for other science clubs activities. Women & Child Welfare Society is facilitating this process after forming science clubs in different schools.

Participation in Vigyan Prasar Regional Meets of VIPNETS Club

Vigyan Prasar, Dept.of Science & Technology, Govt.of India, New Delhi, organized Regional Meet for VIPNET Clubs(Central Zone),from 3rd to 5th September 2012 at Yuba Vigyan Parisad, Gwalior(MP). Coordinator of our Little Star Science Club Mr.Keshab Chandra Maharana, participated in the programme. Our organization also

participated in the poster Exhibition and exhibit the poster on petroleum conservation and energy conservation, climate change etc.printing materials were distributed among the participants.

Environment Awareness & Education

Nature Study Programme on Biodiversity Conservation

Women & Child Welfare Society, Cuttack organized one Awareness Programme-cum-Nature Study Programme on Biodiversity Conservation for High School Students & Teachers at Nimpur High School, Nimpur, Jagatpur, Cuttack on 10th November 2012. The Programme was organized under National Environment Awareness Campaign (NEAC) in collaboration with Ministry of Environment and forest, Govt. of India under

AGRASAR LECTURE AND DEMONSTRATION PROGRAMME ON
CLIMATE CHANGE - CHALLANGES & OPPORTUNITIES
WOMEN & CHILD WELFARE SOCIETY: CUTTACK
Rastriya Vigyan Evam Prodyogiki Sanchar Parishad(RVPSP)
Department of Science & Technology(DST), New Delhi

the active supervision of the centre for Environmental Studies, Forest and Environment Department Govt. of Odisha, Bhubaneswar. The main objective of the programme was to provide appropriate opportunities for clean understanding of the complexity of nature to enhance their fascination for things surrounding them and explore nature in a guided manner through a variety of fun filled hands on activities. Some special sessions were conducted on taxonomy of wild or child, bonsai and cactus plants etc. during the programme. Dr. Sangram Keshari Nayak, Principal Scientist (Rtd.) CRRI, Cuttack, Dr. Kishore Chandra Mohanty, Science Expert, Board of Secondary Education, Odisha, Cuttack, Dr. Arjun Kumar Biswal, Head Master (Rtd.) Tulasipur High School, Mrs. Rosy Ray, Head Mistress , Nimpur High School, Mrs. Minati Bindhani, General Secretary, WCWS etc. attended the programme as resource persons. More than 350 nos. of medicinal plants were planted in different school campus.

Nature Study Programme on Forest for Sustainable Livelihood

Women & Child Welfare Society Cuttack organized an Awareness cum Nature Study Programme on Forest for Sustainable Livelihood for High school Students at Dhabaleswar Panthasala, Cuttack on 30th

June 2012. The programme being organiz under NEAC in collaboration with Ministry Environment and Forests, Govt. of India unc the active supervision of the centre f Environmental studies, Forest & Environme Dept. Govt. of Odisha BBSR. The ma objective of the programme was to provi opportunities for clear understanding complexity of nature Dr. Sangram Kesh Nayak,Principal Scientist (Rtd.)CRF Cuttack, Dr. Kishore Chandra Mohan Science Expert, Board of Seconda Education, Odisha, Cuttack, Mr. Sunil K Mishra, AGM, NABARD, Dr. Arjun Kum Biswal, Head Master(Rtd.) Mrs. M. Bindha Mr. Loknath Kabi Head Master, Dhabalesw Bidyapitha attended as Resource Persons Guests. 150 nos. medicinal and other plar planted during the programme.

Plantation

Women & Child Welfare Society, Cutta planted 500 nos. of environment frienc plants along with Medicinal Plants li Champa, Krushnachuda, Radhachud Baula, Ashok, Raktachandan, Dalichanda Amla, Karanja, Nima, Fruit and Forest Tr etc. at Dhabaleswar Panthaniw premises,Dhabaleswar Bidyapitha,Kakha High School,Panchayat High Scho Daulatabad High School, Birenmitra Memor City Women's College, Nimpur High Scho

Jagatpur High school ,Kalinga Bidyapitha, Jobra etc.

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ENVIRONMENT AWARENESS OBSERVATION OF 62nd VANAMAHOTSAVA WEEK

Women & Child Welfare Society,(Prakrutimitra Awardee) Cuttack, District Environment Society, Cuttack and Nehru Juba Kendra Sangathan, Cuttack jointly observed the 62nd Vanamahotsava Week at Satabdi Bhawan, Cuttack on 9th July 2011. Dr. Sangram Keshari Nayak, Principal Scientist (Rtd.), CRRI, Cuttack; Dr. Ashutosh Debata, Secretray, District Environment Society; Dr. Mita Debata, HOD, Political Science, Indira Gandhi Womens' College, Cuttack; Mr. Bikash

Mohapatra, Secretary, Suprativa; Mr. Ashok Kumar Dash, Dist. Youth Coordinator, NYKS, Cuttack; Dr. Arjun Kumar Biswal, Head Master, Tulasipur Govt. High School; Mrs. Minati Bindhani, General Secretary, Women & Child

Welfare Society; Dr.Bijay Kumar Prusty, Naturopathist attended as honorable Guests and discussed on the aims and objectives of observation of Vanamahotsava Week etc. total 200 nos. of NYKS Volunteers, NSS Volunteers, Students, Teachers and general public participated.

PLANTATION

Women & Child Welfare Society, Cuttack planted 350 nos. of environment friendly plants along with Medicinal Plants like Champa, Krushnachuda, Radhachuda, Baula, Ashok,

Raktachandan, Dalichandan, Amla, Karanja, Nima etc. at Tulasipur Govt. High School, Gorakabar, Birenmitra Memorial City Womens College, Indira Gandhi Women's College, Jobra etc. on the occasion of 62nd Vanamahatsaba Week.

PRAKRUTIMITRA PURASHKAR

On the World Environment Day (5th June) our organization Women & Child Welfare Society, Cuttack was awarded the 'Prakrutimitra Puraskar' by the Forest and Environment Department, Govt. of Odisha, Bhubaneswar for excellent work in the field of Environment Awareness, Education, Protection, Plantation, Conservation of Energy etc. On behalf of the organization, Mrs. Minati Bindhani, General Secretary received the award from Honorable Minister Forest and Environment, Sj. Debi Prasad Mishra at Ravindra Mandap, Bhubaneswar on 5th June 2011.

SCIENCE & TECHNOLOGY

PROBE-ODISHA PROGRAMME

Women & Child Welfare Society is appointed as a Technical Resource Centre(TRC) by the Department of Science & Technology, Govt. of India, to implement "Participation of Youth in Real-time/ field Observation for Benefit to Education" (PROBE) Programme in Jajpur and Kendrapada districts of Odisha. It involves installation of weather laboratories within the premises of identified schools in which the students are encouraged to take and record daily weather data/observations. In this multi-institutional project a two-way relationship is envisaged between school

Students, Teachers and Professors in centres of Higher Learning.

Both aspects such as observation and learning about weather and climate are emphasized in this project. Observation protocols are devised and the data collected by schools are sent to 1) Technical Resource Centre (Women & Child Welfare Society), 2) DST and also to 3) Indian Metrological Department for quality check and consistency. As per the grant, Women & Child Welfare Society extended this programme to 15 selected schools like 1) M.V.Vidyayana, Badachana, 2) Jaraka High School, Jaraka, 3) Khetrapal High School, Kolathala, 4) N.C.High School, Jajpur Road, 5) Chitalo High School, Chitalo, 6) Baruneswar High School, Binjharpur, 7) Jagabandhu Roula High School, Govindpur in Jajpur district and 8) Korua High School, 9) Baladev High School, 10) Derabish Govt. High School, 11) Marsaghai High School, 12) Rajnagar High School, 13) Rajkanika Girls High School, 14) S.K.Dev High School, Aul,and 15) Panchayat High School, Pattamundei in Kendrapada districts. The weather data base created by school children will be utilized by DST & IMD as well as PROBE data will also be helpful for research in universities on topics aiming on water management, climate change, disaster mitigation, bio-diversity as well as meso-scale modeling studies to supplement our efforts in achieving better local forecasts. Through participation in PROBE young minds of school students are exposed to scientific intricacies of weather. They are motivated to pursue science as a career and develop better understanding to take safety measures from weather related hazards and also develop acumen to forecast weather for local use.

Lecture and Demonstration Programme on Global Warming and Mitigation Options

Climate change is a truly global challenge. It will impact all ecosystems and human societies, but in different ways and to different magnitudes. Addressing climate change requires involvement and action at the local, regional and global levels. Education has a central role to play in understanding, mitigating and adapting to climate change.

Global warming issues are happening now and thus we have to act with urgency. Many environment conscious organizations in the country must strive drastically to alter the unsustainable resource consumption habits. It is essential that we also contribute and practice innovative policy solutions for energy conservation and environmentally sustainable development efforts worldwide. India has plentiful wind, sun, rainfall and talent - rich in alternative energy resources that can fuel a clean future, why should it not take leadership in green energy?

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Hence, the main objective of the programme is to raise scientific awareness among the students about climate change, its adverse impact on our eco-system, mitigation options with the backdrop of the global summit on climate change held at Copenhagen through series of lectures and demonstration programmes.

Women & Child Welfare Society organized 20 nos of Agrasar Lecture and Demonstration Programme on Global Warming and Mitigation Options in Cuttack, Kendrapada and Jajpur district with different topic related to climate change

PROMOTION OF SCIENCE CLUB

The spirit of science is the spirit of discovering, Experienced teachers ensure that one the most exciting and effective ways to impart the school children the joy and adventure of scientific discovery is through formation of science clubs. In order to provide the students with the organizational facilities that are usually necessary to carry on science projects and for other science clubs activities. WCWS is faciliting this process after forming science clubs in different schools of Cuttack, Khurda, Kendrapada, Jajpur and Mayurbhanj districts.

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SCIENCE & TECHNOLOGY

PROBE-ORISSA PROGRAMME

The weather is an important part of our lives and one that we cannot control. Instead the weather often controls how and where we live, what we do, what we wear and what we eat but as a thematic subject are yet to accomplish proper implications of weather as a system amongst school students.

Women & Child Welfare Society is appointed as Technical Resource Centre (TRC) by the Department of Science & Technology, Govt. of India, to implement "Participation of Youth in Real-time/ field Observation for Benefit to Education"(PROBE) Programme in Jajpur and Kendrapada districts. It involves opening of weather laboratory within the school premises

in which the students are encouraged to take and record daily weather observations and develop the acumen for data interpretation. In this multi-institutional project a two-way relationship is envisaged between school students, teachers and professors in centres of higher learning.

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Both observation and learning about weather and climate is emphasized in this project. Protocols on recording various parameters of daily weather are standardized and the data collected by the students of various schools are sent to the Technical Resource Centre (Women & Child Welfare Society) and subsequently to DST as well as to Indian Metrological Department (IMD) for quality consistency. As per the grant, Women & Child Welfare Society has extended this programme to 15 selected schools like 1) M.V.Vidyayana, Badachana; 2) Jaraka High School, Jaraka; 3) Khetrapal High School,

Kolathala; 4) N.C.High School, Jajpur Road; 5) Chitalo High School,Chitalo; 6) Baruneswar High School, Binharpur; 7) Jagabandhu Roula High School, Govindpur in Jajpur district and 8) Korua High School, 9) Baladev High School, 10) Derabish Govt. High School, 11) Marsaghai High School, 12) Rajnagar High School, 13) Rajkanika Girls High School, 14) S.K.Dev High School, 15) Panchayat High School, Pattamundei in Kendrapada district. PROBE weather data base created by school children will be utilized by the DST for research activities in universities on the topics aiming at water management, climate change, disaster mitigation, bio-diversity as well as meso-scale modeling studies to supplement

our efforts and also in achieving better scientific ability towards local forecasts. Participation of students with their young minds in PROBE project are exposed to scientific intricacies of weather. They are further motivated to pursue science as a career and develop better understanding to take safety measures from weather related hazards.

AGRASAR LECTURE AND DEMONSTRATION PROGRAMME ON GLOBAL WARMING AND MITIGATION OPTIONS

Climate change is a truly global challenge. It will impact all ecosystems and human societies, but in different ways and to different magnitudes. Addressing climate change requires involvement and action at the local, regional and global level, and education has a central role to play in understanding, mitigating and strategic adaptation to climate change. Global warming

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issues are happening now and thus we have to act with urgency. Many environment conscious organizations in the country must strive to

AGRASAR LECTURE AND DEMONSTRATION PROGRAMME ON
"Global Warming and Mitigation Options"
Organised by:-
Women & Child Welfare Society : Cuttack

drastically alter the unsustainable resource consumption habits more particularly over consumption of fossil fuel. It is essential that we also contribute and practice innovative policy solutions for energy conservation and environmentally sustainable development efforts worldwide. India has plentiful wind, vast solar incident radiation energy, adequate rainfall and above all rich natural resources that can fuel a clean future. Thus, there is ample scope to take leadership in green energy life style.

Hence, the main objective of the programme is to raise scientific awareness among the students

AGRASAR LECTURE AND DEMONSTRATION PROGRAMME ON
"Global Warming and Mitigation Options"
Organised by:-
Women & Child Welfare Society : Cuttack

about climate change, its adverse impacts on our eco-system, and mitigation options with backdrop of the global summit recommendations on climate change held at Copenhagen. The envisaged lecture series is designed along with befitting demonstration programmes to imprint a time effective impression amongst students who are not only the future generation but the responsible custodians.

Women & Child Welfare Society organized 20 numbers of Agrasar Lecture and Demonstration Programme on Global Warming And Mitigation Options in Cuttack, Kendrapada and Jajpur districts with different topics related to climate change. This programme was Catalyzed and

Supported by Rastriya Vigyan Prodyagiki Evam Sanchar Parishad(RVPSP), Department of Science & Technology,(DST),Govt.of India,New Delhi.

FORMATION OF SCIENCE CLUB

The spirit of science is the spirit of discovering. Experience teachers ensure that one of the most exciting and effective ways to impart the school children the joy and adventure of scientific discovery is through formation of science clubs. In order to provide the students with the organizational facilities that are usually necessary to carry on science projects and for other science clubs activities. WCWS is facilitating this process after forming science clubsindifferentschoolsofCuttack,khurda,kendrapada,jajpuran d mayurbhanj district.

ENVIRONMENT AWARENESS NATURESTUDYPROGRAMMEON BIODIVERSITY CONSERVATION

On the occasion of Science Day, the Women & Child Welfare Society organized one Awareness Programme cum Nature Study Programme on 'Biodiversity Conservation' for High School Students and Teachers at Pramod Udyan, Biswanahakani,Tangi, Cuttack on 28th February 2011. The programme was organised under National Environment Awareness Programme (NEAC) in collaboration with Ministry of Environment and Forests, Govt. of India under the active supervision of the Centre for Environmental Studies, Forest & Environment D epartment,GovernmentofOrissa , Bhubaneswar. The programme was meticulously carved with many vital experiments relating to living processes, nature-walk, sample collection, measuring various tree parameters like height, leaf zoo, pH measurements of ,water and soil, paper crafts, pot making, nature games and quizes, understanding of different leaf

morphology and patterns along with their unique medicinal properties. Participants took keen interest in learning so many variable wonders of nature. The main objective of the programme was to provide appropriate opportunities for clear understanding of the complexity of nature to enhance their fascination for things surrounding them and to explore nature in a guided manner through a variety of fun filled hands-on activities. Some special sessions were conducted on taxonomy of wild orchids, bonsai and cactus plants etc. during the programme. After completion of the programme, the teachers and students are now promoting similar activities with other fellow students, thereby ensuring love for nature and concomitant awareness on conservation of biodiversity. The nature study formatted a bondage between young children and environment inculcating an internal love towards biodiversity and conservation in and around us. All the participants were supplied with the kit bags consisting on mini microscope, reading lense, tripod glass, note book, crayon, pencil, pen, sarpners, erasers, paper ect. Dr. Sangram Keshari Nayak, Principal Scientist (Rtd.) CRRI,

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Cuttack; Dr. Rajendra Narayan Mishra, Ex-Principal Scientist, CRRI, Cuttack; Mr. Pravat Mohan Dash, Programme Officer, Centre for Environmental Studies, Department of Forest and Environment; Dr. Kishore Chandra Mohanty, Science Expert, Board of Secondary Education; Mr . Brajabandhu Panigrahi; Dist . Soil Conservation Officer, Cuttack. and many eminent subject matter specialists attended the programme as resource persons. Eighty students and 20 teachers participated from different high

schools of Tangi area in this nature study programme

PLANTATION

Women & Child Welfare Society, Cuttack planted 200 nos. environment friendly plants along with s o m e m e d i c i n a l p l a n t s l i k e C h a m p a , Krushnachuda, Radhachuda, Baula, Ashok, Raktachandan, Dilichandan, Amla, Karanja, Nima etc. at Pramod Udyan Campus, Govt. High School, Biswanahakani, Sidheswar Vidyapitha, Kanheipur Gram Panchayat High School, Utkalmani Vidyapitha, Kanhucharan Vidyapitha, Sanat Nalini Girls High School, Maa Tareni Bidya Pitha, Banra Bidya Pitha, Dhabaleswar Bidya Pitha, Sidheswar Bidya Mandir etc. under National Environment Awareness Campaign.

PLANTATION

Women & Child Welfare Society, Cuttack planted 200 nos. environment friendly plants along with s o m e m e d i c i n a l p l a n t s l i k e C h a m p a , Krushnachuda, Radhachuda, Baula, Ashok, Raktachandan, Dilichandan, Amla, Karanja, Nima etc. at Pramod Udyan Campus, Govt. High

School, Biswanahakani, Sidheswar Vidyapitha, Kanheipur Gram Panchayat High School, Utkalmani Vidyapitha, Kanhucharan Vidyapitha, Sanat Nalini Girls High School, Maa Tareni Bidya Pitha, Banra Bidya Pitha, Dhabaleswar Bidya Pitha, Sidheswar Bidya Mandir etc. under National Environment Awareness Campaign.

ACTIVITY REPORT 2009-10

NATIO NAL ENVIONM ENT AW ARENESS CAMPAIGN (NEAC)

National Environment Awareness Campaign (NEAC)was launched by the Ministry of Environment and Forests , Government of India in1986.It aims to organise multi-media campaigns by deploying conventional and non - conventional methods of communication for disseminating Environmental messages to a wide range of target groups to develop awareness. The campaign is Conducted on specific themes selected by the Ministry every year. The programme is being implemented through the designated Regional Resource Agencies (RRA)for specific states/regions of the country.

ACTIVITY REPORT 2009-10

Women & Child Welfare Society, Cuttack arranged various activities of NationalEnvironment Awareness Campaign on "CLIMATE CHANGE "under National Environment Awareness Campaign (NEAC) 2010. It w as the 25th year celebration in colaboration with Ministry of Environment and Forest Govt. of India, New Delhi and Centre for Environmental Studies, Department of Forest and Environment Govt. of Orissa, Bhubaneswar. Awareness Campaign

organized at Orissa Govt. Press Colony High School, Nuapada, Khapuria,Cuttack , on 20th February 2010. The main objective of the programme was to sensitize the school students and teachers onClimate Change effects , their mitigations by involving environment activists ,eminent scientists , govt. officials , and social activists to participate and share their expertise in thes aid programm e . Dr. Sangram Keshari Nayak , former Principal Scientist, CRRI, Cuttack, Mr. Pravat Mohan Das , Program me Officer, Centre for Environmental Studies, Bhubaneswar, Dr.Arjun Kumar Biswal, Head Master, Tulasipur Govt. High School,Tulasipur, Gorakabar, Cuttack, Mr. Khageswar Samal, Head Master Orissa Govt. Press Colony High School, Cuttack ,Mrs .Minati Bindhani, General Secretary, Women & Child Welfare Society: Cuttack attended the as Honorable Guests. Medicinal Plants in the school premises by the Guests.Total 300 Nos. of students and teachers participated in the awareness programme.

PLANTATION

Women & ChildWelfare Society:CuttackPlanted 200 Nos.ofMedicinalPlants of Champa, Baula, Ashok,Krushnachuda, Radhachuda, Nima

Raktachandan, Dilichandan,Anla,Karanja etc. at Orissa Govt. Press Colony High School, Sanat Nalini Girls' High School, Maa! Tareni BidyaPitha, Banra Bidya Pitha, Dhabaleswar Bidya Pitha, Sidheswar Bidya Mandir etc. under National Environment Awareness Campaign.

PROBE-ORISSA PROGRAMME

Women & Child Welfare Society is appointed as Technical Resource Centre (TRC) by the Department of Science & Technology, Govt. of

ACTIVITY REPORT 2009-10

India, to implement "Participation of Youth in Real-time /field Observation for Benefit to Education" (PROBE) Programme in Jajpur and Kendrapada district. It involves opening of we at her laboratory within the school pre m is e s in which the students are encouraged to take and record daily weather observations. In this multi-institutional project a two-way relationship is envis aged between school students, teachers and professors in centers of Higher Learning. Both observation and learning about

weather and climate is emphasized in this project. Observation protocols are devised and the data colected is sent by Schools to Technical Resource Centre (Women & Child Welfare Society) and D S T and also to Indian Metrological Department for quality check and consistency. As per the grant Women & Ch ild Welfare Society has extended this programme to 15 selected schools Jajpur and Kendrapada districts . From w eather data base created by school children, the DST will utilize the

PROBE data for research in Management climate change, Disaster mitigation, bio-diversity meso- scale modeling studies to supplement our efforts in achieving better methodical forecasts. Through participation in PROBE in different schools young minds are exposed to scientific Intricacies of weather. They are motivated to pursue science as a career and develop better understanding to take safety measures from weather related hazards.

FORMATION OF SCIENCE CLUB

The spirit of science is the spirit of discovering. Experience teachers ensure that one of the most exciting and effective ways to impart to the school children the joy and adventure of scientific discovery is through formation of science clubs in order to provide the students with the organizational facilities that are usually necessary carry on science projects and for other science clubs activities. Women & Child Welfare Society is facilitating this process after forming science clubs in different School of Cuttack , Khurda, Kendrapada, Jajpur & Mayurbhanj districts on behalf of the Vigyan Prasar.

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SCIENCE & TECHNOLOGY

PROBE-Orissa Programme:

Participation of Youth in Real-time/Field Observations to Benefit Education (PROBE) is an innovative project conceived by the Department of Science & Technology (DST), Government of India under its Inter-Spectral Science and Technology Advisory Committee (IS-STAC) on participation of youth in schools in acquisition, generation, use and dissemination of field data. It aims at making science education more interesting and

ACTIVITY REPORT 2008-09

useful. In 2008, WOMEN & CHILD WELFARE SOCIETY was appointed by the Department of Science & Technology (DST) as a Technical Resource Centre(TRC) to facilitate PROBE-Orissa activities in 15 identified schools. The programme aims at linking students, teachers, and scientific research community. The process is participative data collection and observation by school children as a part of their science learning. It is envisaged that, involving various stakeholders in the process of data collection, analysis, observation and interpretation helps them more particularly the youth/students in understanding adverse impacts of climate change. Through suchfield-oriented exercise, teachers make their teaching more effective and understandable. It is the joint collaborative venture of DST & and Women & Child Welfare Society to make the science education, the teaching and learning process an interesting and joyful experience for both students and teachers. The specific goals and objectives of PROBE- Orissa programme are as follows: To provide an opportunity for participatory and interactive learning for school children. To shift emphasis for a student from being a passive recipient of information and knowledge (i . e. downloading) than to become an active author of relevant and useful information (i. e. uploading). To generate data/ gather

information and convert such information gathering as a means of generating interest in science. To bring schools, institutions of higher learning and grass-root community organizations into networking relationship. To create database on meteorology, climate, natural resources and related f ields for building vil lage/ watershed level data infrastructure. To help students in schools reach higher levels of achievement in science education. The TRC has also been equipped with necessary infrastructural facilities like student data server and meteorological instruments. 15 Secondary schools ofKendrapada and Jajpur districts have been selected and they are supplied with Computers and Meteorological observatories.

FORMATION OF SCIENCE CLUB

The spirit of science is the spirit of discovering. Experience teachers ensure that one of the most exciting and effective ways to impart to the school children the joy and adventure of scientific discovery is through formation of science clubs. In order to provide the students with the organizational facilities that are usually necessary to carry on science projects and for other science clubs activities. Women & Child Welfare Society is facilitating this process after forming science clubs in different school of Cuttack, Kendrapada, Jajpur & Mayurbhanj districts on behalf of the Vigyan Prasar.

NATURE STUDY PROGRAMME

This year Women & Child Welfare Society organized one Nature Study Camp for School

Teachers & Students at Maha Vinayak, Chandikhol. During the camp many experiments relating to living process, nature walk, sample collection, measuring of tree heights, leaf & bark prints, leaf outlines, leaves preservation, herbarium making, building of green house, making garden in a jar, setting up terrarium, leaf zoo, ph measurement, water

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& soil testing, paper craft, potter making, nature game etc. were taught to the participants. The main objective of the camp was to provide the children and opportunity for clear understanding of the complexity of nature, to enhance the children's fascination for things around them, and to explore nature in a guided manner through a variety of fun filled hands on activities. The special sessions were also conducted on wild orchids, bonsai and cactus plants etc. during the camp. After completion of the camps they are now promoting similar activities with other children, which are spreading conservation awareness in very effective manner. The nature study camps not only formatted a bond between young children and environment but also developed internal love towards biodiversity around us. All the participants were supplied with the kit bags consisting of mini microscope, reading leans, tripod glass, notebook, local forest & wildlife map etc. to organize similar activities in future. Dr. Kishore Chandra Mohanty, Science Expert, Secondary Board Office, Cuttack, Dr.AsutoshDebataSecretary,DistrictEnvironment Society, Cuttack etc. attended the programme as Resource Person.

ENVIRONMENT

OBSERVATION OF WORLD ENVIRONMENT WEEK-2008

World Environment Day (W ED) was established by the United Nations General Assembly in 1972 and it is hosted every year by a different city and commemorated with an international exposition through the week of June 5. The United Nations Environment Programme (UNEP), also created in 1972, uses WED to stimulate awareness of the

NATIONAL ENVIRONMENT AWARENESS CAMPAIGN-2008-09
"AWARENESS PROGRAMME ON CLIMATE CHANGE"
WOMEN & CHILD WELFARE SOCIETY, CUTTACK.

environment and enhance political attention and public action. The theme for this year's event is 'Your Planet Needs You- Unite to Combat Climate Change' Change' and reflects the importance of the climate convention meeting in Copenhagen later in this year.

Women & Child Welfare Society In collaboration with State Pollution Control Board, Regional Office Cuttack observed the World Environment Week from 5th to11th June-2008. On 7th June, 2008 on the theme of CARBON DIOXIDE - KICK THE HABIT ! TOWARDS A LOW CARBON ECONOMY, at MahisalundaU.P Schoo premises ,Tangi, Choudwar, Cuttack in cooperation with SUPRATIVA, Fakirpada, Cuttack and on 11th June 2008, at Sevak Club premises, SCB Medical Canal Road, Invited esteemed guests were Mr.Bikash MohapatraSecretary, Suprativa, Mr. Sanjeeb Kumar Mohapatra,Coordinator,RCH projects, Suprativa,Mr. Manaranjan Pradhan Mr.Pankaj Lochan Sahu,Pollution Control Board,Mrs.MinatiBindhani General Secretary, Women & Child Welfare Society, J. Kameswar Rao, Anil Madgul etc. who graced the functions as honorable Guests and resource persons. The participants from different SHGboth Urban & Rural attended the programme.

NATIONAL ENVIRONMENT AWARENESS CAMPAIGN

NEAC was launched by the Ministry of Environment and Forests, Government of India in 1986, is a multi-media campaign which utilizes conventional and non-conventional methods of communication for disseminating environmental messages to a wide range of target groups. The campaign is conducted on specific themes selected by the Ministry every year. The programme is being implemented through the designated Regional Resource Agencies (RRAs) for specific states/regions of the country.Women & Child Welfare Society arranged the National Environment Awareness Campaign on "CLIMATE CHANGE" under

ACTIVITY REPORT 2008-09

National Environment Awareness Campaign(NEAC) in collaboration with Ministry of Environment and Forest, Govt. of India, New Delhi and Centre for Environmental Studies, Department of Forest & Environment, Govt. of Orissa, Bhubaneswar on 10th January'2009 at Sanat Nalini Girls High School, Sheltary Chhak, Cuttack City. The main objective of the programme was to sensitize the SchoolStudents on Climate Change, Effects & their Mitigation & for taking care of environment . Eminent Personalities, Govt. Officials and social activists also participated in the said programme.Dr.Asutosh Debata, Secretary, District Environment Society,Cuttack, Dr. Jaykrushna Panigrahi, Secretary, Orissa Environment Society, Bhubaneswar, Dr. Kishore Chandra Mohanty, Science Expert,Secondary Board Off ice, Dr. Arjun Kumar Biswal, HeadMaster, Tulasipur Govt. High School,Mr.Amulya Kumar Mohini, Deputy Director, Petroleum Conservation Research Association, Smt. Usha Dey, Head Mistress, Sanat Nalini Girls High school, Smt. Minati Bindhani, General Secretary etc. attended as Honorable Guest. Medicinal Plant Planted in the School Premises and other School premises.A PALA also arranged in the programme at Tulasipur Govt. High School, Gorakabar, Tulasipur, Cuttack.

PLANTATION

Women & Child Welfare Society planted 500 nos. of plants of Champa, Krishnachuda,Radhachuda, Baula, Ashoka, Rakta Chandana, Doli Chandana, Karanja, Nima, etc. at Sanat Nalini Girls High School, Satsanga High School, Nimpur High School, Jayantee High School, St.Xavier's High School, Navajeeban Vidya Niketan, Venkateswar School, Tulasipur High School City Hospital Campus etc. under NEAC Programme.

OBSERVATION OF VANA MOHATSABA WEEK:

Sarat Kumar Biswal, Circle Inspector of School, Cuttack Circle, Mr. Pitambar Swain, Rtd. Head Master, Lakheswar High School, Dr. Arjun Kumar Biswal, Head Master, Tulasipur Govt. High School, Mrs. Minati Bindhani, General Secretary, women & child welfare society, etc. attended as honorable guest. All guests planted Medicinal Plant in the school premises.

ACTIVITY REPORT 2007-2008

NATIONAL ENVIRONMENT AWARENESS CAMPAIGN (NEAC)

Women &Child Welfare Society arranged the National Environment Awareness Campaign on "BIO - DIVERCITY CO NSERVATION "under National Environment Awareness Campaign (NE AC)in collaboration with Ministry of Environment and Forest, Govt. of India, New Delhi and Centre for Environmental Studies, Department of Forest & Environment, Govt. of Orissa ,Bhubaneswar on 4th March '2008 at HadibandhuUchhaVidya Pitha,ManisahuChhak Cuttack City.The main objective of the program me was to sensitize the people basically School

Students for taking care of environment. School level competitions on Environment Protection was conducted and prize distribution was distributed by theGuests. Eminent Personalities Govt. Officials and social activists also participated in the said programme.Dr. Jaykru shna Panigrahi, Secretary , Orissa Environment Society, Bhubaneswar, Mr.Kamala Kanta Kar, State Legal Aid Services Authority, Smt. Jyotshnarani Mohanty, Head Mistress, Hadibandhu Uchha Vidya Pitha, Smt.Minati Bindhani, General Secretary etc.

ACTIVITY REPORT 2007-2008

attended as Honorable Guest. Medicinal Plant Planted in the School Premises and other School.

PLANTATION

Our organization Women & Child Welfare Society planted 500 nos . Medicinal Plants of Champa , K ris h nach u da, Radh ach u da, Baula, As h ok a, Rakta Chandana,DoliChandana, Karanja, Nima,etc. at Hadibandhu Uchha Vidya Pitha, Badambadi New Colony igh School, Nimpur High School, Satsanga High School,Maa! Tareni Mahila Samiti Premises , Navajeeban Vidya Niketan, Jayantee High School, Tulasipur High School etc.under NEAC Programme

OBSERVATION OF 58TH VANAMAHATSABA WEEK:

Women & Child Welfare Socie ty, Cuttack observed th e 58th Vanamahatsaba Week at Tulasipur Govt. High School, Gorakabar,Tulasipur,Environment Society, Sr.Sarat Kumar Biswal,Circle Inspector of School,Cuttack Circle,M r.Pitambar Swain,Rtd.Head Master,Lakheswar High School,Dr.Arjun Kumar Biswal,Head Master,Tulasipur Govt. High School,

Mrs .Minati Bindhani,General Secretary,Women & Child Welfare Society, etc. attended as honorable guest. All guests planted Medicinal Plants in school primises.

SCIENCE POPULARIZATION PROGRAMME

Women & Child Welfare Society organized a Workshop on Scientific Explanation of so-called Miracle s at Tulasipur Govt. High School M r.S.Bhutia dmonstrated around 30 scientific magic like creating blood from lemon, flowers emerging insight of coconut, changing salt into sweet sugar, sending holy water to heaven making whole in palm etc.and narrated different scientific reasons behind those tricks etc.

FORMATION OF SCIENCE CLUB:

The spirit of science is the spirit of discovering. Expe rience teachers that one of the most exciting and effective ways to impart to the school children the joy and adventure of scientific discovery is through formation of science clubs.In order to provide the students with the organizational facilities that are usually necessary to carry on science project and essential for other science clubs activities . Women & Child Welfare Socie ty facilitating this process after forming science clubs in different school of Cuttack ,Kendrapada, Jajpur & Mayurbhanj district on b ehalf of Vigyan Prasar.

PROGRAMME ON SCIENCE AND TECHNOLOGY

The role of science and technology is improving the quality of human life which is universally acknowledged. The ever increasing needs of the mankind for food, fibers, housing communication etc. can be met and implemented only through scientific in novationand technology .Scientific temper and technical expertise Lead to social and economic

ACTIVITY REPORT 2007-2008

developmnt. In this context Women & Child Welfare Society is conducting village level programmes in order to sensitize the people on the usages of science and technology and its in novations etc.for application in common way of living by the ruralites

NATURE STUDY PROGRAMME

In this year Women & Child Welfare Society organized one Nature Study Cam p for School Children at Nandankanan. Du ring the campm any experiments relating to living process, nature walk , sample collection, measuring of tree heights, leaf & bark prints , leaf outlines,leaves preservation, herbarium making, building of green house,making garden in a jar, setting up terrarium, leaf zoo, ph measurement, water & soil testing, paper craft,.

postter making, nature gam etc. were taught to the participants .The main objective of the camp was to provide the children and opportunity for clear understanding of the complexity of nature, to enhance the children's fascination for things around them , and to explore nature in a guided manner through a variety of fun filled hands on activities . The special sessions were also conducted on wild orchids, bonsai and cactus plants etc. during the camp. After completion of the camps they are now promoting similar activities with other children, which are spreading conservation awareness in very effective manner. The nature study camps not only formatted a bond between young children and environment but also developed internal love towards biodiversity around us .All the participants were supplied with the kit bags consisting of minimicros cope , reading leans, ripod glass, note book ,local forest & wildlife map etc.to organize similar activities in future .Dr.Sudarshan Sasmal, Principal Scientist, CRRI, Cuttack attended the programm e as Resource Person.

Activity Report : 2006-07

❖ *Science & Technology* ❖

The spirit of science is the spirit of discovering experience teachers that one of the most exciting and effective ways to impart to the school children the joy and adventure of scientific discovery is through formation of science clubs. In order to provide the student with the organizational facilities that are usually necessary to carry on science project and essential for other science clubs activities. Women & Child Welfare Society faciliting this process after forming science club in different school of Cuttack district on behalf of Vigyan Prasar. Vigyan Prasar is an autonomous organisation of Department of Science & Technology, Government of India to take up large scale science popularization task for the people of India. With far reaching implication to the society. WCWS working with Vigyan Prasar through its network called VIPNET in weaving of all affiliated science clubs. To sensitize the and coordination into science club activities and guide them to carry different science popularization programme

❖ *Plantation of Medicinal Plants* ❖

The organization is encouraging the rural households to effectively promote medicinal plants for the good of the society. The value of roots and leaves of some medicinal plants are highly beneficial for the all sections of people. Hence the seedling of medicinal plants are being promoted by the organization and during Environment Awareness Camps, the mini plants are being distributed to the rural and urban households for plantation.

Annual Report-2005-06

Rain Water Harvesting:

The organization has organized an awareness programme this year among the tribal folk on Gudari block on management of rainwater harvesting. The farmers are included in this motivational package to harvest and enhance their yielding capacity.

Effort for Healthy Environment :

The Organization has been sincerely endeavouring to make the environment good for the interest of the mankind through action oriented programme as well as sensitization programmes.

National Environment Awareness Campaign :

Environment offers physical sustenance to man and affords the opportunity for intellectual, moral,

social and spiritual growth. The high celerity of inventions and discoveries in respect of science and technology is transforming the environment in to an unprecedented degree for which the mankind suffers in many sphere. Women & Child Welfare Society has been organizing camps to educate people on apt understanding to environment, make the environment green through plantation, soil conservation and water management since last 10 years. The organization has concentrated on this programme in Cuttack district. Initiatives are taken to strengthening Eco-clubs through educational institutions. Printed materials are augmenting the efficacy. This year one inters school essay competition has been organized on 17.8.05 at Tulasipur Govt. High School, Gorakabar, Cuttack. Mr. Gopal krushna Pujari, Programme Officer, Center for Environmental Studies, BBSR was invited to the said programme.

Seminar on Management of Plastic Waste :

Plastic wastes are killer of the mankind as per the report of the National Science and Technology

NATIONAL ENVIRONMENT AWARENESS CAMPAIGN
2004-2005
SEMINAR ON MANAGEMENT OF PLASTIC WASTE
FOREST & ENVIRONMENT DEPARTMENT, GOVT. OF ORISSA

Bureau. When people will be conscious enough for its management the predicaments will definitely lessen. In this context Women & Child Welfare Society has organized a seminar on Management of Plastic Waste in collaboration with Ministry of Environment & Forest, Govt. of India & Forest & Environment, Department, Govt. of Orissa, at Tulasipur Govt. High School on 18.8.05 involving the following personalities as Honourable Guest. Dr. Debendra Ku. Rout, Regional Officer, State Pollution Control Board, Dr. Jaykrushna Panigrahi, Secretary, Orissa Environment Society, Dr. Dillip Ray, Environment Economist, Dr. Arjun Ku. Biswal, Head Master, Tulasipur High School etc. in the said occasion, Prizes were distributed to the successful competitors and Dust Bins were distributed among the different schools. 10 nos plants planted in school premises by the guests. Distribution of leaflets were followed the deliberation in the meeting.

Science & Technology :

The spirit of science is the spirit of discovering. Experience teachers that one of the most exciting and effective ways to impart to the school children the joy and adventure of scientific discovery is through formation of science clubs. In order to provide the student with the organizational facilities that are usually necessary to carry on science project and essential for other science clubs activities. WCWS facilitating this process after forming science clubs in